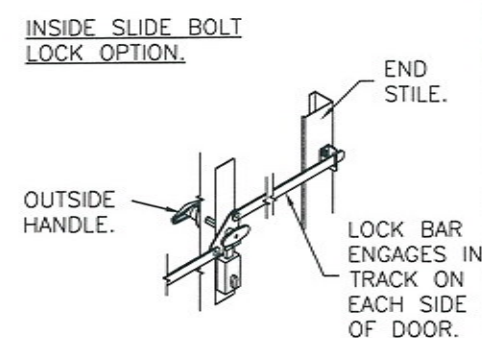
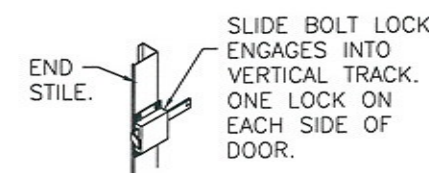
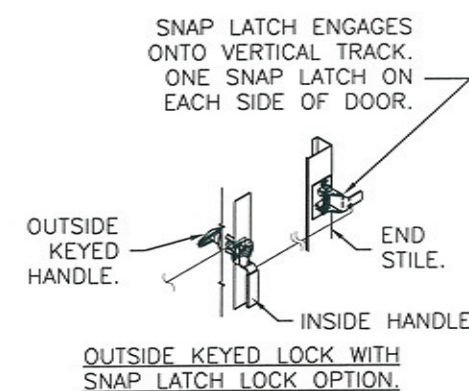
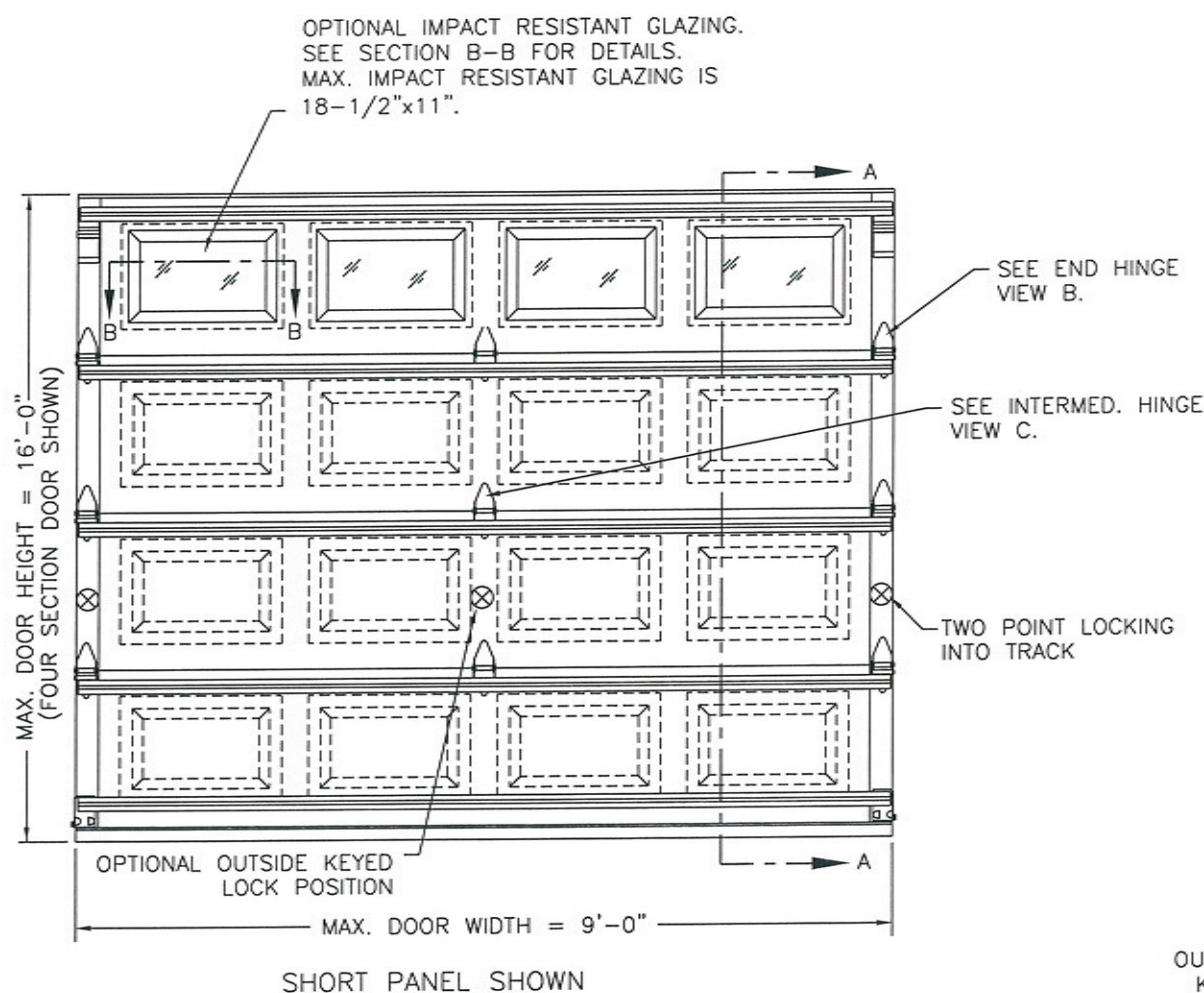


MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

SHEET:  
1 OF 4

REVISIONS					
REV. NO.	ZONE	DATE	ECN NO.	APPVD	DESCRIPTION
20	-	08/2016	-	SH	REMOVED WIND SPEED TABLE.
21	-	11/2016	-	SH	REVISED ROLLER CALLOUT.

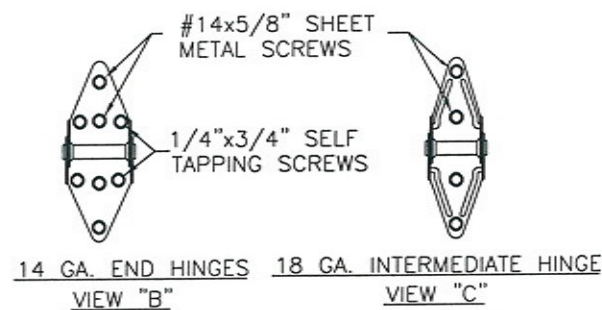
DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 7'0"	4	5
7'3" TO 8'9"	5	6
9'0" TO 10'6"	6	7
10'9" TO 12'3"	7	8
12'6" TO 14'0"	8	9
14'3" TO 15'9"	9	10
16'0"	10	11
MAX SECTION HEIGHT: 21'		



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.



DESIGN ENGINEER:  
MARK WESTERFIELD, P.E.  
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513



DESIGN LOADS: +38.0 P.S.F. & -44.0 P.S.F.  
TEST LOADS: +57.0 P.S.F. & -66.0 P.S.F.

Unless Stated Otherwise  
TOLERANCES are  
.0 = ±.031  
.00 = ±.015  
.000 = ±.005  
.0000 = ±.001  
Degrees = ±1/2°  
Unless Stated Otherwise  
DIMENSIONS ARE IN INCHES.

**Clopay**  
Building Products Company

8585 Duke Boulevard  
Mason, OH 45040 USA  
Tel. No. 513-770-4800  
Fax No. 513-770-4853

DESCRIPTION: CLASSIC 2" EPS SINGLE CAR +38/-44 PSF			
DRAWN BY: MW	DATE: 9/7/95	SCALE: NTS	DWG. B
CHECKED BY: --	DATE: --	SHEET 1 OF 4	SIZE
DWG. NO.: 101526	VER: TDI		

MANUFACTURING PRODUCT CODE  
DSIE-1F171

PART NO.: N/A

WINDLOAD RATING  
W6 DP38



MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

SHEET:  
2 OF 4

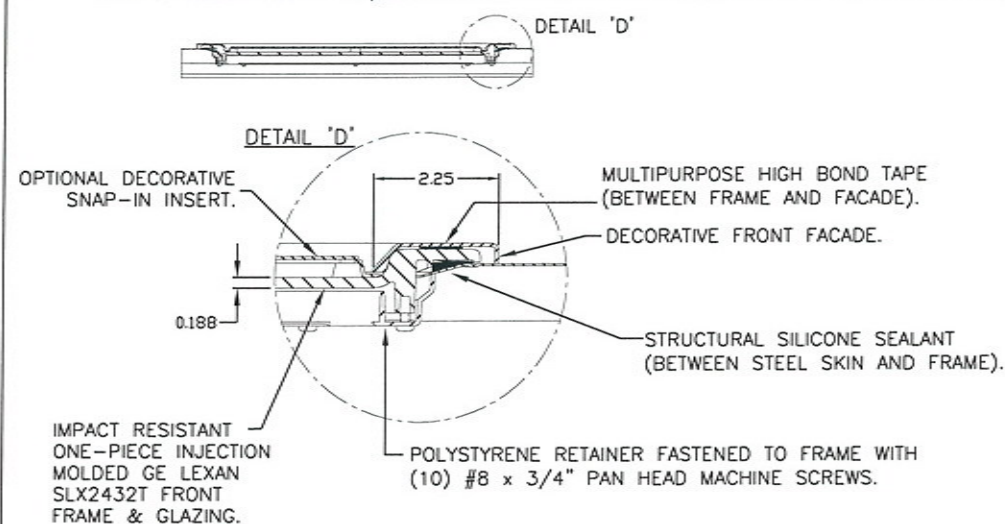
REVISIONS						DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD		
21	-	-	-	SH		SEE REVISION HISTORY ON SHEET ONE.

#### IMPACT-RESISTANT CONSTRUCTION:

SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME AND GE LEXAN MR10, AN APPROVED CC1 PLASTIC IN ACCORDANCE WITH IBC 2606.

THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL-MISSILE IMPACT RESISTANT.

#### SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



DESIGN ENGINEER  
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MANUFACTURING PRODUCT CODE  
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PART NO.: N/A

WINDLOAD RATING  
W6 DP38

DESCRIPTION: CLASSIC 2" EPS SINGLE CAR +38/-44 PSF

DRAWN BY: MW	DATE: 9/7/95	SCALE: NTS	DWG. B
CHECKED BY: --	DATE: --	SHEET 2 OF 4	SIZE B

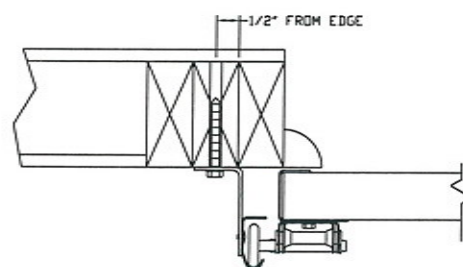
DWG. NO.: 101526	VER: TDI
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MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

IN THE CASE OF GYPSUM WALLBOARD LOCATED AT OR NEAR THE DOOR OPENING LOCATION THERE ARE TWO ACCEPTABLE ALTERNATIVES:

- 1) THE WALLBOARD CAN BE CUT AWAY FROM THE DOOR OPENING AND 2X6 SOUTHERN YELLOW PINE WOOD JAMBS MOUNTED DIRECTLY TO THE SUPPORTING STRUCTURE TO CREATE THE MOUNTING SURFACE. ALTERNATIVELY, THE BRACKETS MAY BE ATTACHED DIRECTLY TO THE SUPPORTING STRUCTURE. SEE DETAIL BELOW. THE CENTER OF SCREW HOLE MUST BE AT LEAST  $\frac{1}{2}$ " FROM BOTH EDGES FOR A  $\frac{5}{16}$ " LAG SCREW.
- 2) IF THE WALLBOARD IS NOT CUT AWAY TO EXPOSE THE UNDERLYING STRUCTURE (WOOD FRAMING MEMBERS), A 2X6 SOUTHERN YELLOW PINE WOOD BUCK OVER SHALL BE INSTALLED THE WALLBOARD FRAMING THE OPENING USING THE JAMB ATTACHMENT FASTENERS LISTED BELOW. HOWEVER, THE JAMB ATTACHMENT FASTENERS MUST BE OF A SUFFICIENT INCREASED LENGTH TO ACCOUNT FOR THE THICKNESS OF THE WALLBOARD TO ENSURE PROPER FASTENER EMBEDMENT INTO THE STRUCTURAL FRAMING MEMBERS OF THE SUPPORTING STRUCTURE.



#### PREPARATION OF JAMBS BY OTHERS.

#### VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):

$\frac{3}{8}$ "x3" LAG SCREWS ON 24" CENTERS. 1- $\frac{1}{8}$ " O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

#### VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):

$\frac{3}{8}$ "x3" SLEEVE ANCHOR BOLTS ON 22" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR

$\frac{1}{4}$ "x3" TAPCON SCREWS ON 19" CENTERS (2,000 PSI MIN. CONCRETE) OR 10" CENTERS (C-90 BLOCK), 1" O.D. WASHERS REQUIRED WITH TAPCONS.

ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

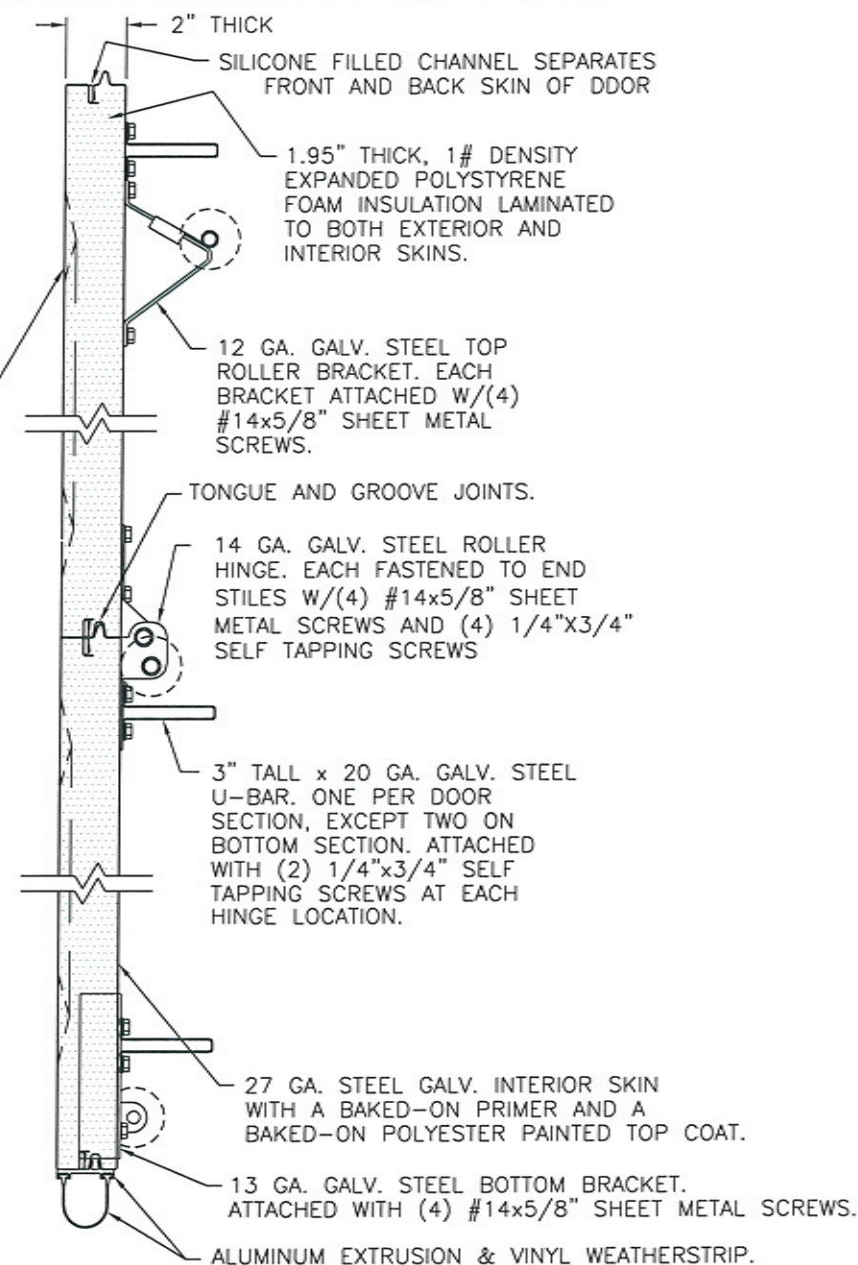
DESIGN ENGINEER:  
MARK WESTERFIELD, P.E.  
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

SHEET:  
3 OF 4

#### REVISIONS

REV. NO.	ZONE	DATE	ECN NO.	APPVD	DESCRIPTION
21	-	--	-	--	SEE REVISION HISTORY ON SHEET ONE.

27 GA. MIN. STEEL GALV. EXTERIOR SKIN  
WITH BAKED-ON PRIMER AND A  
BAKED-ON POLYESTER PAINTED TOP COAT.



SECTION A-A (SIDE VIEW)

DESIGN LOADS: +38.0 P.S.F. & -44.0 P.S.F.  
TEST LOADS: +57.0 P.S.F. & -66.0 P.S.F.

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MANUFACTURING PRODUCT CODE  
DSIE-1F171

PART NO.: N/A

WINDLOAD RATING  
W6 DP38

DESCRIPTION: CLASSIC 2" EPS SINGLE CAR +38/-44 PSF

DRAWN BY: MW

DATE: 9/7/95

SCALE: NTS

DWG. B

CHECKED BY: --

DATE: --

SHEET 3 OF 4

DWG. NO.: 101526

VER: TDI



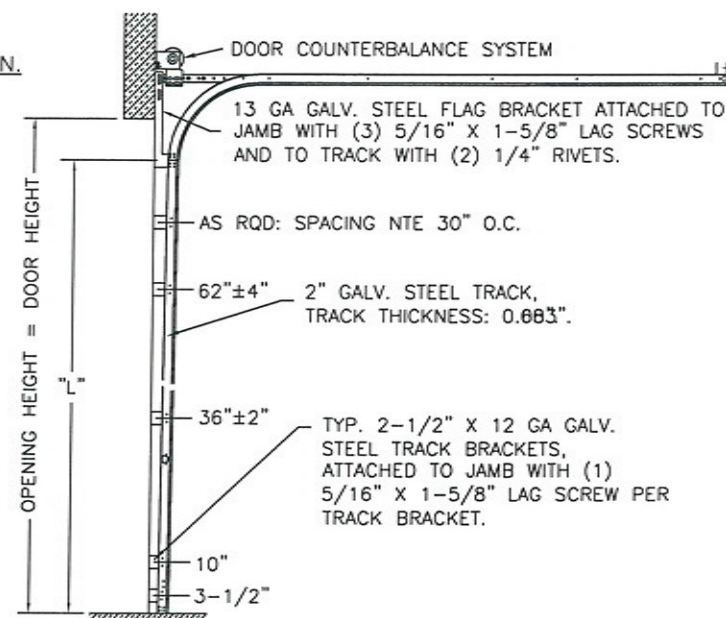
MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

SHEET:  
4 OF 4

REVISIONS						DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD		
21	-	--	-	-		SEE REVISION HISTORY ON SHEET ONE.

## 2" TRACK CONFIGURATION.

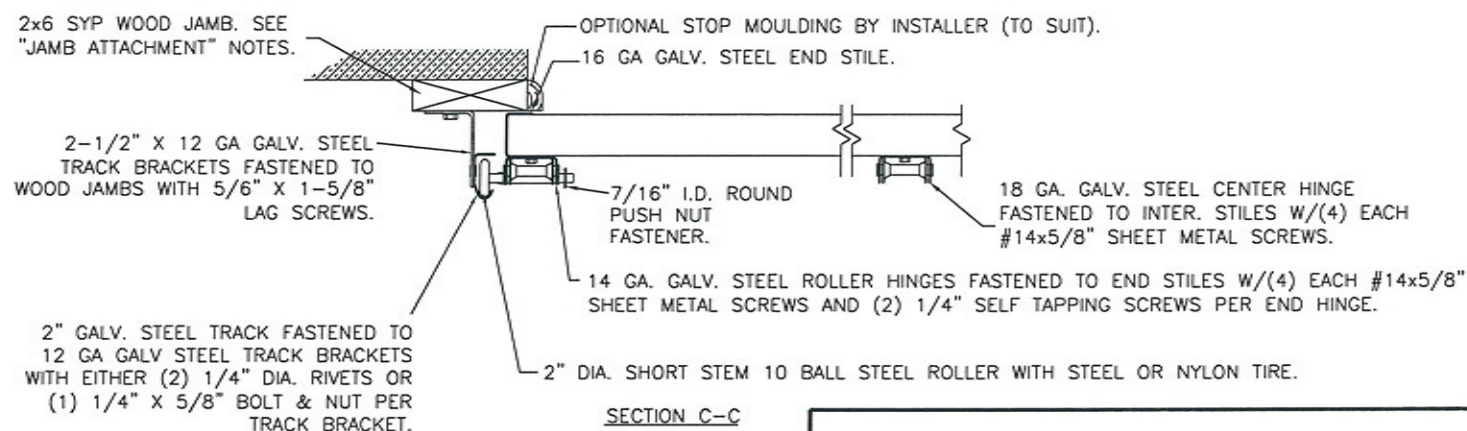
NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.



DOOR HEIGHT "L"	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

## JAMB CONFIGURATION.



## SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

LHR BRACKET (2-1/2" x 5-3/4" x 12GA) ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING SCREWS.



DOUBLE HORIZONTAL TRACK.

DOUBLE TRACK LOW HEADROOM OPTION

3" TRACK IS ALSO AVAILABLE.



DESIGN ENGINEER:  
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PART NO.: N/A

WINDLOAD RATING  
W6 DP38

DESCRIPTION: CLASSIC 2" EPS SINGLE CAR +38/-44 PSF

DRAWN BY: MW

DATE: 9/7/95

SCALE: NTS

DWG. B  
SIZE B

CHECKED BY: --

DATE: --

SHEET 4 OF 4

DWG. NO.: 101526

VER: TDI